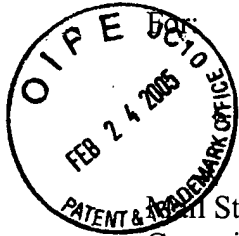


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Calise, et al. Confirmation No.: 2777
Appl No.: 10/806,501 Group Art Unit: 2121
Filed: March 22, 2004 Examiner: Hartman, Jr., Ronald D.
SYSTEM AND METHOD FOR ADAPTIVE CONTROL FOR UNCERTAIN
NONLINEAR PROCESSES



Final Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(c)

Sir:

Attached is a list of documents on form PTO-1449 along with a copy of any cited foreign patent documents and non-patent literature document in accordance with 37 CFR 1.98(a)(2). Also enclosed is a translation or a concise explanation of each non-English language document.

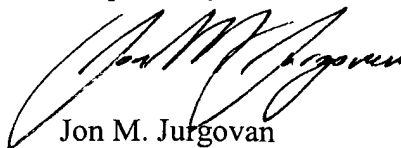
It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By identifying the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead identifying the listed documents for the sake of full disclosure.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier.

The Commissioner is authorized to charge the \$180.00 fee specified in 37 C.F.R. § 1.17(p) and any additional fee, or credit any refund, to our Deposit Account No. 16-0605.

03/15/2005 SSITHIB1 00000081 160605 10806501
01 FC:1806 180.00 DA

Respectfully submitted,


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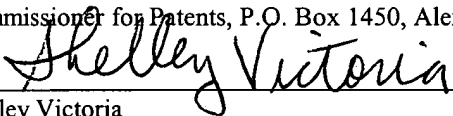
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

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Shelley Victoria

Substitute for form 1449/PTO
(Revised 04/2003)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of

Complete if Known

Application Number	10/806,501
Filing Date	March 22, 2004
First Named Inventor	Calise, et al.
Group Art Unit	2121
Examiner Name	Hartman, Jr., Ronald D.
Attorney Docket Number	047291/276113

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	1	US-3,521,534	07-21-1970	Casterline et al	
	2	US-4,062,508	12-13-1977	Stephens et al.	
	3	US-4,197,576	04-08-1980	Sanchez	
	4	US-4,383,299	05-10-1983	Fischer et al.	
	5	US-4,466,054	08-14-1984	Shigemasa et al.	
	6	US-5,042,752	08-27-1991	Surauer et al.	
	7	US-5,099,204	03-24-1992	Wheatley, III	
	8	US-5,113,483	05-12-1992	Keeler et al.	
	9	US-5,213,282	05-1993	Gold et al.	
	10	US-5,268,834	12-07-1993	Sanner et al.	
	11	US-5,282,261	01-25-1994	Skeirik	
	12	US-5,303,385	04-12-1994	Hattori et al.	
	13	US-5,311,421	05-10-1994	Nomura et al.	
	14	US-5,313,559	05-17-1994	Ogata et al.	
	15	US-5,367,612	11-22-1994	Bozich et al.	
	16	US-5,394,322	02-1995	Hansen	
	17	US-5,396,415	03-07-1995	Konar et al.	
	18	US-5,469,265	11-21-1995	Measures et al.	
	19	US-5,486,996	01-1996	Samad et al.	
	20	US-5,493,631	02-20-1996	Huang et al	
	21	US-5,541,843	07-30-1996	Yamaguchi et al.	
	22	US-5,570,282	10-29-1996	Hansen et al.	
	23	US-5,625,552	04-1997	Mathur et al.	
	24	US-5,633,987	05-27-1997	Teng et al.	
	25	US-5,706,193	01-1998	Linzenkirchner	

Examiner
Signature

Date
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO (Revised 04/2003) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/806,501
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				First Named Inventor	Calise, et al.
				Group Art Unit	2121
Examiner Name	Hartman, Jr., Ronald D.				
Sheet	2	of		Attorney Docket Number	047291/276113

U. S. PATENT DOCUMENTS					
	26	US-5,719,480	01-1998	Bock et al.	
	27	US-6,078,843	06-2000	Shavit	
	28	US-6,092,919	07-25-2000	Calise et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached

OTHER DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	29	SCANNER ROBERT AND, JEAN-JACQUES, "Gaussain Networks for Direct Adaptive Control," IEEE Transactions on Neural Networks, vol. 3 No. 6, November 1992, pp. 837-841	
	30	HOFFMANN, "A Neural Feed-Forward Network With A Polynomial Nonlinearity," IEEE, pp. 49-58, September 2, 1992	
	31	AHMED ET AL., "A Freeforward Neural Network for Arbitrary Nonlinea Time Series," IEEE, pp. II-721 – II-726, 1991	
	32	COWAN, "Equalization Using Non-Linear Adaptive Clustering," IEEE, pp. 17/1-17/3, 1994	

ATL01/11625188v1

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.